

SAFETY DATA SHEET

HYDROSPRAY Anti Set-Off Powder

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product code : 15C, 25C, 35C, 50CS, 15R, 25R, 35R, 50RS

Product name : HYDROSPRAY Anti Set-Off Powder

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use : Printing ink or Additive

Uses advised against : None known.

1.3 Details of the supplier of the safety data sheet

Manufacturer / Distributor : Printers Planet Ltd.
Flat F, 9/F., Sunview Ind. Bldg.,
3 On Yip St., Chan Wan,
Hong Kong

e-mail address of person
responsible for this SDS : toto@ppl.hk

1.4 Emergency telephone number (with hours of operation)

+ 852 2505 9061 (09:00h - 18:00h)

History

Date of issue/ Date of revision : 01.01.2012

Date of previous issue : No previous validation.

Version : 2

2. HAZARDS IDENTIFICATION

Classification and labeling according to Regulation (EC) 1907/2006 (REACH)

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

2.1b Classification of the substance or mixture

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

2.2b Label elements

Risk phrases : This product is not classified according to EU legislation.

Additional warning phrases and Additional information

Safety Data Sheet available for professional user on request.

2.3 Other hazards which do not result in classification

Results of PBT and vPvB assessment: See sections 12 for details.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

Chemical name	%	REACH Registration number	CAS number	EC number	Classification
Starch	>=90		9005-25-8	232-679-6	Not [2] classified.

See section 16 for the full text of the R-phrases declared above

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

[4] vPvB-substance

Occupational exposure limits, if available, are listed in section 8.

Hazardous ingredients / Classification according to Regulation (EC) 1272/2008 (CLP)

Chemical name	CAS number	Hazard statements	Classification
Starch	9005-25-8	No known significant effects or critical hazards.	Not regulated.

4. FIRST AID MEASURES

4.1 Description of first aid measures

- Inhalation : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Skin contact : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
- Eye contact : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention/advice.
- Ingestion : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Give nothing by mouth. Do NOT induce vomiting.

Use suitable protective equipment (section 8).

4.2 Most important symptoms and effects, both acute and delayed

See toxicological information (section 11)

4.3 Indication of any immediate medical attention and special treatment needed

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

- Suitable Extinguishing media : Recommended; alcohol-resistant foam, water spray or mist, avoid creating dusty conditions and prevent wind dispersal.
- Extinguishing media not to be used : Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Fire will produce dense black smoke., Exposure to decomposition products may cause a health hazard., Appropriate breathing apparatus may be required., Cool closed containers exposed to fire with water., Do not release runoff from fire to drains or watercourses.

5.3 Advice for fire-fighters

Not available.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area. Avoid breathing vapor or spray. Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

6.3 Methods and materials for containment and cleaning up

Contain and collect spillage with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Do not use a dry brush as dust clouds or static can be created.

6.4 Reference to other sections

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Persons with a history of asthma, allergies, chronic or recurrent respiratory disease should not be exposed to any process in which this product is used.

Precautions should be taken to prevent the formation of dusts in concentrations above flammable, explosive or occupational exposure limits. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. To dissipate static electricity during transfer, ground drum and connect to receiving container with bonding strap. Operators should wear antistatic footwear and clothing and floors should be of the conducting type. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Put on appropriate personal protective equipment (see section 8). Always keep in containers made from the same material as the original one. Comply with the health and safety at work laws.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Observe label precautions. Store in a dry, cool and well-ventilated area.

Keep away from heat and direct sunlight.

No smoking. Prevent unauthorized access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)

Not applicable.

7.4 Additional information

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredient name	Occupational exposure limits
Starch	TWA: 10 mg/m ³ 8 hour(s). Form: inhalable dust TWA: 4 mg/m ³ 8 hour(s). Form: respirable dust

Other Exposure limits : CMR: See toxicological information (section 11)

8.2 Exposure controls

Individual protection measures

Respiratory system :

Skin and body : Personnel should wear protective clothing. Care should be taken in the selection of protective clothing to ensure that inflammation and irritation of the skin at the neck and wrists through contact with the powder are avoided.

Hands : The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

For prolonged or repeated handling, use the following type of gloves:

Recommended:

4-8 hours: polyethylene (PE) or Viton gloves.

References: <http://www.esig.org/en/library/publications/best-practice-guides>

Eyes : Safety eyewear should be used when there is a likelihood of exposure.

Environmental exposure controls

Do not allow to enter drains or watercourses.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Solid.

Color : Colorless.

Odor : Characteristic.

Odor threshold : Not available.

pH : Not available.

Melting point : Not available.

Boiling point : Not available.

Flash point : Closed cup: Not applicable. [THEORETICAL]

Evaporation rate : Not available.

Flammability (solid, gas) :

Burning time : Not available.

Burning rate : Not available.

Explosion limits

Lower : Not available.

Upper : Not available.

Vapor pressure : < 0.1 hPa

Vapor density : Not available.

Density : ~ 1 g/cm³

Solubility : insoluble in water.

Octanol/water : Not available.

partition coefficient

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Viscosity : Kinematic (20°C (68°F)): Not applicable.
Kinematic (40°C (104°F)): Not applicable.

Explosive properties : Not available.

Oxidizing properties : Not available.

9.2 Other information

SADT : Not available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Not available.

10.2 Chemical stability

Not available.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Stable under recommended storage and handling conditions (see section 7). When exposed to high temperatures may produce hazardous decomposition products.

10.5 Incompatible materials

Not applicable.

10.6 Hazardous decomposition products

Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

There is no data available on the preparation itself. The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments. See sections 3 and 15 for details.

Substances / Mixtures

Acute toxicity	:	Not available.
Irritation/Corrosion	:	
Sensitization	:	
Mutagenicity	:	Not available.
Carcinogenicity	:	Not available.
Reproductive toxicity	:	Not available.
Specific target organ toxicity (single exposure)	:	Not available.
Specific target organ toxicity (repeated exposure)	:	Not available.
Aspiration hazard	:	
Chronic toxicity	:	Not available.
Teratogenicity	:	Not available.

Other information

Toxicokinetics

Absorption	:	Not available.
Distribution	:	Contains material which may cause damage to the following organs: upper respiratory tract, skin, eyes.
Metabolism	:	Not available.
Elimination	:	Not available.

12. ECOLOGICAL INFORMATION

There is no data available on the preparation itself.

Coating powder residues should not be allowed to enter drains or watercourses or be deposited where they could affect ground or surface waters.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

12.1 Toxicity data

Not available.

12.2 Persistence/degradability

Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Not available.

12.5 Results of PBT and vPvB assessment

PBT	:	P: Not available. B: Not available. T: Not available.
vPvB	:	vP: Not available. vB: Not available.

12.6 Other adverse effects

AOX	:	The product contains organically bound halogens and can contribute to the AOX value in waste water.
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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not allow to enter drains or watercourses.

Dispose of according to all federal, state and local applicable regulations.

Methods of disposal : The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

European waste catalogue (EWC) : Not available.

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. TRANSPORT INFORMATION

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

International transport regulations

This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA.

14.1 UN number : Not applicable.

14.2 Proper shipping name : Not applicable.

14.3 Transport hazard class(es) : Not applicable.

14.4 Packing group : Not applicable.

14.5 Environmental hazards : Not applicable.

14.6 Special precautions for user : Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations : The product is not classified as dangerous according to Directive 1999/45/EC and its amendments. See sections 2 and 3 for details.

VOC content : Not applicable.

Europe inventory : All components are listed or exempted.

Industrial use : The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

16. OTHER INFORMATION

CEPE MSDS Code : 3

The information in this Safety Data Sheet is required pursuant to Annex II to Regulation (EC) No 1907/2006.

Date of issue/Date of revision : 01.01.2011

Version : 2

▣ Indicates information that has changed from previously issued version.

Notice to reader

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.